

**Table 6-7**  
**Summary of Soil Sample Analytical Results**  
**SWMUs 31 and 32**

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**Summary of Soil Sample Analytical Results**  
**SWMUs 31 and 32**

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 20	Units	HLSF-SB-029 0.5 - 1 09/27/06	HLSF-SB-030 0.5 - 1 09/27/06	HLSF-SB-031 0.5 - 1 09/27/06	HLSF-SB-029 10 - 10.5 10/10/06	HLSF-SB-029 20 - 21 10/10/06	HLSF-SB-029 30 - 31 10/10/06	HLSF-SB-029 40 - 41 10/10/06	HLSF-SB-029 49 - 50 10/10/06	HLSF-SB-030 10 - 11 10/11/06
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.037	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00553	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0388	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	5.04	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.0148	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	18	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	14.5	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	1.08	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00675	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	108	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00936	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0836	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	1.89	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	1.55	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.215	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.291	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	19.7	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	24.5	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	27.7	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.459	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	24.7	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	31.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00898	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.603	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	12.1	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.106	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00576	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 20	Units	HLSF-SB-030 20 - 22 10/11/06	HLSF-SB-030 30 - 31 10/11/06	HLSF-SB-030 40 - 41 10/11/06	HLSF-SB-030 49 - 50 10/11/06	HLSF-SB-031 10 - 11 10/11/06	HLSF-SB-031 20 - 21 10/12/06	HLSF-SB-031 30 - 31 10/12/06	HLSF-SB-031 40 - 41 10/12/06	HLSF-SB-031 49 - 50 10/12/06	
<b>Metals</b>														
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.262	mg/kg	4.94 [8.08]	4.97	3.7	<2	<2	<1	<1	<1	<1	8.94
Barium	7440-39-3	15,600 {NMED ResSoil09}	6,030	mg/kg	54.4 [146]	45.9	36	100	42.1	118	114	91.2	116	
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	27.5	mg/kg	<0.1 [<0.1]	<0.1	<0.1	2.38	2.07	1.5	1.15	1.06	1.86	
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	10.8 [16.3]	11.9	11.3	14.2	3.2	20.5	15.7	14.6	26.4	
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	42.2	mg/kg	<5 [<5]	<5	<5	<5	<5	<5	<5	<5	<5	
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	19.6 [26.6]	18.2	20.7	39.9	10.3	17.1	13.7	12.4	22.7	
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.587	mg/kg	<0.04 [<0.04]	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Potassium	7440-09-7	--	--	mg/kg	2,980 [3,980]	3,250	2,670	3,360	1,080	4,090	2,670	2,320	3,180	
Selenium	7782-49-2	391 {NMED ResSoil09}	19.3	mg/kg	<1 [<1]	<1	<1	<1	<1	<1	<1	<1	<1	
Silver	7440-22-4	391 {NMED ResSoil09}	31.3	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	
Sodium	7440-23-5	--	--	mg/kg	2,360 [2,830]	2,700	2,450	4,450	273	3,490	3,590	2,840	4,210	
Zinc	7440-66-6	23,500 {NMED ResSoil09}	13,600	mg/kg	32.1 [42.2]	29.2	28	102	53.5	46.1	40.5	38	64.5	
<b>Other</b>														
2-Methyl-1-Propanol (Isobutanol)	78-83-1	{NMED ResSoil09}	--	%	100 [101]	104	101	102	99.4	--	--	--	--	--
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	<10 [<10]	<10	<10	<10	<10	--	--	--	--	--
Fractional Organic Compound	FOC	--	--	%	2.09 [2.23]	2.22	1.29	3.57	1.68	1.94	2.65	0.921	3.22	
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	
Phosphorus	7723-14-0	--	--	mg/kg	228 [295]	225	256	390	77.1	285	235	270	348	
<b>Semivolatile Organic Compounds</b>														
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.205	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	6.27	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0714	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.25 [<0.25]	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.295	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0839	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Total Petroleum Hydrocarbons</b>														
Diesel Range Organics	DRO	--	--	mg/kg	<50 [<50]	<50	<50	<50	<50	<50	<50	<50	<50	<50
Gasoline Range Organics	GRO	--	--	mg/kg	<1 [<1]	<1	<1	<1	<1	<1	<1	<1	<1	<1
<b>Volatile Organic Compounds</b>														
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0345	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	59.5	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.0045	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.0135	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.122	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	2.38	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000713	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000595	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000316	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.0073	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0223	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.214	mg/kg	<0.5 [<0.5]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	25.3	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	12.5	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	7.58	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	76.9	mg/kg	<0.1 [<0.1]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acrylonitrile	107-13-1	5.97 {NM												

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Benzene	71-43-2	15.5 {NMED ResSoil09}	0.037	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00553	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0388	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	5.04	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.0148	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	18	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	14.5	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	1.08	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00675	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	108	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00936	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0836	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	1.89	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	1.55	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.215	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.291	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2 [<0.2]	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	19.7	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	24.5	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	27.7	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.459	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	24.7	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	31.2	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2 [<0.2]	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00898	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.603	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1 [<0.1]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	12.1	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.106	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00576	mg/kg	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

**Table 6-7**  
**Summary of Soil Sample Analytical Results**  
**SWMUs 31 and 32**  
**Notes**

Lab Qualifiers	Definition
U	Constituent was not detected at the sample quantitation limit shown.
UJ	Estimated value below detection limit.
Analyte Abbreviation	Full Name
>C10-C28	Diesel Range Organics (>C10-C28) in the carbon 10 (C10) to carbon 28 (C28) range.
Acronym/Note	Description
All	All data reported before 2009 were collected by others and the data were provided to ARCADIS by White Sands Missile Range.
--	The sample was not tested for this constituent and/or no data were available.
U	Laboratory report flag indicating that the constituent was not detected at the sample quantitation limit shown.
<b>1.7</b>	Yellow highlight indicates that the reported result exceeds the published SSLs. If the result is preceded by "<", the constituent was not detected, but the reported sample quantitation limit exceeds the SSL.
<i>1.9</i>	Italics indicates that the reported result exceeds the NMED DAF 20 screening value. If the result is preceded by "<", constituent was not detected, but the reported sample quantitation limit exceeds the DAF 20 value.
[<0.005]	Brackets indicate that the result shown is from a duplicate field sample.
CAS	Chemical Abstract Service.
DAF 20	NMED Dilution Attenuation Factor from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009. DAF 20 indicates a Dilution Attenuation Factor of 20 was used.
EPA	United States Environmental Protection Agency.
EPA ResSoil09	USEPA Residential Screening Level from <i>USEPA Regional Screening Levels</i> ( <a href="http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm">http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm</a> ). 2009.
mg/kg	Milligram per kilogram.
NMED	New Mexico Environment Department.
NMED ResSoil09	NMED Residential Soil Screening Level from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009.
SSL	Soil Screening Level